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Contracting Business Intelligence System (CBIS)

19 November 2003

**Marie McManus
MSG/PIF (AFCIS WP)**

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Overview



- **Goal**
- **Premise**
- **Methodology**
- **Value Proposition**
- **Accomplishments/Plans**
- **Demonstration**



Contracting Business Intelligence System (CBIS)



- **Goal - Provide the AFMC Contracting Community with Comprehensive Command-Wide View of Current Acquisition Information That Provides for the Improvement of Current Business Practices**



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CBIS Premise



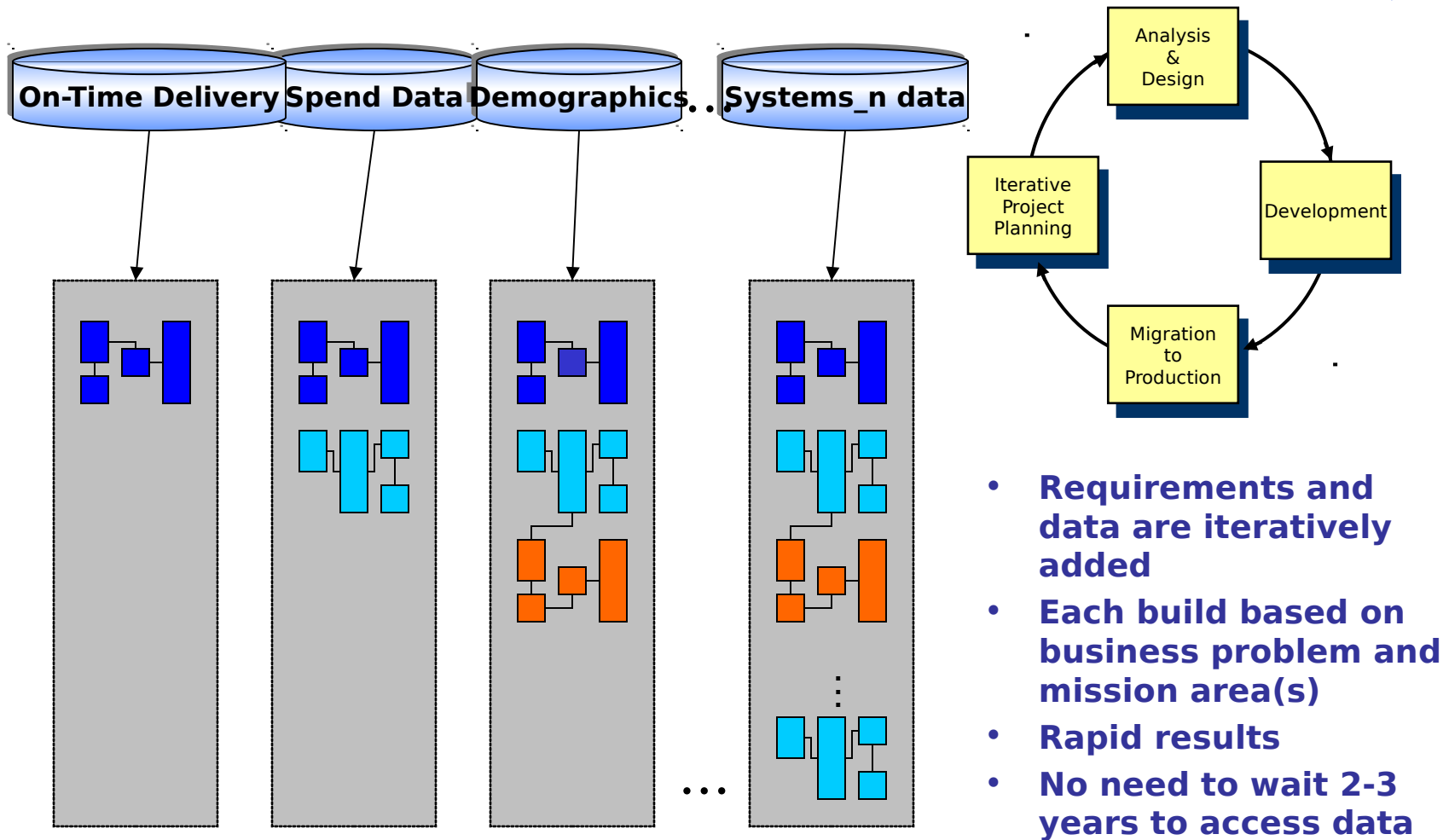
- **Business-Driven Methodology**
- **Capability to answer business questions not previously possible or unknown**
- **Business intelligence capability**
 - **Translates data into information**
 - **Extracted from multiple source systems**
 - **Analytical tool for informed decisions**
- **Accessible by contracting personnel at all levels**

Consolidated/Validated View of Contracting Data



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Methodology





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CBIS Value Proposition



- **Leverage buying power**
- **Reduce cycle time**
- **Decrease purchasing costs**
- **Improve product quality**
- **Proactive supplier management**
- **Improve warfighter support**
- **Real value derived from process improvement**
 - **Key patterns, exceptions, relationships**
 - **“What-if” analyses to target opportunities**



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CBIS Accomplishments/ Plans



- **Contains AF logistics and operational contracting spend and on time delivery for spares**
- **eLearning capability/train-the-trainer**
- **Economic Analysis to date - \$212M savings**
- **Integrated with AF Air Force Knowledge Services (AFKS, formerly EDW)**
 - **Dependent data mart within AFKS**
- **Services and Demographics**
 - **AFMC operational contracting data from PD2**
 - **AF DD-350 data from J001**



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CBIS Accomplishments Plans



- **Strategic Sourcing**
 - **Currently in development/test phase**
 - **Static view of data from multiple enterprise systems**
 - **Purchasing and Supply Chain Management (PSCM) is primary using community**
 - **Maintained as a separate universe within AFKS**
- **Repair Study completed Sep 03**
- **Automated Contract Preparation System (ACPS) Re-sourcing Study completed Sep 03**



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CBIS Accomplishments/ Plans



- **ConData**
 - **ConData data is separate AFKS universe w/AMIS naming conventions**
 - **Data available in CBIS also**
 - **With AMIS shutdown, ConWrite will feed ConData**
 - **Eventually ConWrite to populate CBIS**
- **Weapon System/Science & Technology**
 - **Requirements determination phase complete**
 - **FRB to meet by end of Nov 03 to determine prioritization of requirements**



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CBIS Accomplishments/ Plans



- **Business Transaction & Intelligence Components (BTIC) Enablement Effort**
 - AF-wide deployment of CBIS (up to 100 users in other MAJCOMs)
 - eGPC ePurchase Log data to populate CBIS
 - Initiation of effort anticipated FY05
- **RAI-NC - Joint Army-Navy-AF BI spend capability**
- **Navy proof-of-concept with four PD2 sites**



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Demonstration



Contracting Business Intelligence System



Thursday,
July 31, 2003



Links

[Login](#)
[CBIS Information](#)
[User Information](#)
[Subject Areas](#)
[Frequently Asked Questions](#)
[Documentation / Forms](#)
[Data Dictionary](#)


- CBIS is now accessible via EDW!
- Upcoming Functionality Previewed on 'Subject Area' Page
- CBIS Online User Feedback Form now available

CBIS Integrated with EDW!

We are excited to announce that the CBIS project has integrated with the MSG-managed Enterprise Data Warehouse (EDW). This will enable us to provide a single integrated information source for analytical data for the AFMC enterprise. With this integration, we will achieve:

- A cost savings for AFMC
- An enterprise-wide view of data
- Accessibility to Non-contracting data

We are very excited about this undertaking and will be the first data repository to prove the EDW model for future data mart integrations. Overall, this will guide us in helping AFMC achieve the Air Force Enterprise Architecture goals.

Welcome to CBIS



CBIS is 4 U: Useless Unless Users Understand

Please feel free to offer suggestions!

Without you this project cannot succeed!

Web Site Administrator:
Samuel T. Harmon, Jr.
Contractor, MSG/PIF
[DSN] 674-0426
Samuel.Harmon@wpafb.af.mil

Last updated: 07/29/2003 11:32:51




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Welcome to Business Objects InfoView - Microsoft Internet Explorer

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Address <https://edw.day.disa.mil/wiasp2/scripts/login/webiStart.asp> Go Links

**Enterprise Data Warehouse**

Page Master Contact: DISA Help Desk
DSN 787-3251 Comm 937-257-3251
helpdesk@day.disa.mil


EDW Program Office

User Support

Check Browser

Training

Access Request Form


Enterprise Data Warehouse
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Enter your user name and password to log in to the EDW:

Name:

Password:

Enter

EDW Hot News!

10/28/2003	REMIS DATA - UPDATE
10/19/2003	NEW EDW RELEASE
10/6/2003	EDW update
8/22/2003	Release Issues and Work arounds

NOTICE: You must have administrative rights on your local PC to be able to download the new components used for creating and editing EDW reports.

Start | Inbox - Mi... | CBIS Project | Microsoft ... | Contractin... | Welcome... | Internet | 11:16 AM



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AFMC

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[Backorders_PIT_Reports](#) [Backorders_Top_10_20_Reports](#)

[Backorders_Trend_Reports](#) [Contracting \(CBIS\)](#)

[Logistics_Dashboard_Reports](#) [MICAP_Dashboard_Reports](#)

[MICAP_PIT_Reports](#) [MICAP_Trend_Reports](#)

[REMISTALK](#) [SBSS Surge and CTH](#)

[Top 25 MICAP Reports](#)

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Universe List

Select the source of information you want to use to create a document.

15 universe(s) [View Details](#) List refreshed: 10/30/2003 11:22:29 AM

Name	Domain	Date
Aerospace Veh Configuration New	Universe	09/04/2003 04:08:32 PM
Aerospace Veh Inventory Status Util	Universe	05/15/2003 04:20:23 PM
Aerospace Veh Maintenance Doc New	Universe	10/09/2003 07:10:35 AM
C-E Configuration	Universe	09/16/2002 07:21:57 PM
C-E Maintenance Documentation	Universe	10/23/2003 12:13:59 PM
Comm Electronics	Universe	03/21/2003 11:38:23 AM
Configuration	Universe	09/16/2002 07:17:52 PM
Contracting (CBIS)	Universe	10/23/2003 03:32:12 PM
D200A	Universe	11/21/2002 03:09:31 PM
DLA Supply Data	Universe	08/26/2003 12:40:52 PM
EDW Metadata	Universe	10/30/2003 09:17:28 AM
Initial ATE and Simulator	Universe	05/15/2003 02:15:07 PM
Maintenance Documentation	Universe	02/14/2003 03:00:44 PM
MICAP and Backorders Universe	Universe	01/08/2003 08:28:14 AM
SBSS Surge and CTH	Universe	08/13/2003 04:11:17 PM

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BusinessObjects InfoView - Microsoft Internet Explorer

WebIntelligence Java Report Panel - Microsoft Internet Explorer

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Business Objects

Edit Query Edit Report Run Query

Query

Data Properties

Contracting (CBIS)

- Instrument
 - Air Logistics Center
 - Base Name
 - Source Site
 - Source Site Code
 - Instrument Basic Number
 - Instrument Number
 - Instrument Type
 - Kind Of Modification
 - Type Instrument
 - Instrument Status
 - Kind Of Contract
 - Kind Of Contract Supplement
 - Contract Pricing Category
 - Contract Pricing Type
 - Strategic Source Contract
 - Multiple Year Contract Code
 - Options Indicator Code
 - Congressional Notification
 - Protest Indicator Code
 - Contingency Operation Code
 - Contract Close Code

Result Objects

To include data in the report, select objects in the Data tab and drag them here. Click Run Query to return the data to the report.

Query Filters

To filter the query, drag predefined filters here or drag objects here then use the Filter Editor to define custom filters.

All Objects Hierarchies

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Edit Query Edit Report Run Query

Query

Data Properties

- Congressional Notification Code
- Protest Indicator Code
- Contingency Operation Code
- Contract Close Code
- Foreign Military Sales Content
- Cycle Type
- Cycle
- Cycle Standard Days Quantity
- Competition Type
- Extent Of Competition
- Extent Of Competition Class
- Best Value Contract Technique
- Branch Section Buyer Code
- PDIC
- Value Engineering
- DD Form 254 Code
- CPARS Code
- Type of Contracting
- Contracting Lead Time Quantity
- Count Instrument Number
- Instrument Dates
 - Contract Award Date
 - Contract Award FY
 - Contract Award FQ
 - Contract Award FM
 - Contract Effective Date
 - Contract Completed Or Closed Date
 - Contract Completion Statement Date
 - Estimated Contract Completion Date
 - Modification Date

Result Objects

- Source Site
- Contract Award FY
- Count Instrument Number

Query Filters

- Contract Award FY Equal to: FY2002

All Objects Hierarchies

Last Refresh Date: November 6, 2003 12:36:46 PM

Done Trusted sites

Office

Microsoft

Start

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Business Objects

Refresh Data

Report

Data | Templates | Properties | Map

Document

- Objects
 - Contract Award FY
 - Source Site
 - Count Instrument Number
- Variables

Report Title

Source Site	Contract Award FY	Count Instrument
AFMETCAL	FY2002	134
Brooks	FY2002	1,221
ConData	FY2002	26,295
Edwards	FY2002	2,222
Eglin	FY2002	2,242
Hanscom	FY2002	1,083
Hill	FY2002	6,848
Kirtland	FY2002	804
Ogden	FY2002	9,191
Oklahoma City	FY2002	11,455
Robins	FY2002	4,409
Rome Labs	FY2002	1,228
Tinker	FY2002	8,525
Tinker 38th	FY2002	706
Warner Robins	FY2002	11,813
Wright-Patt	FY2002	4,621

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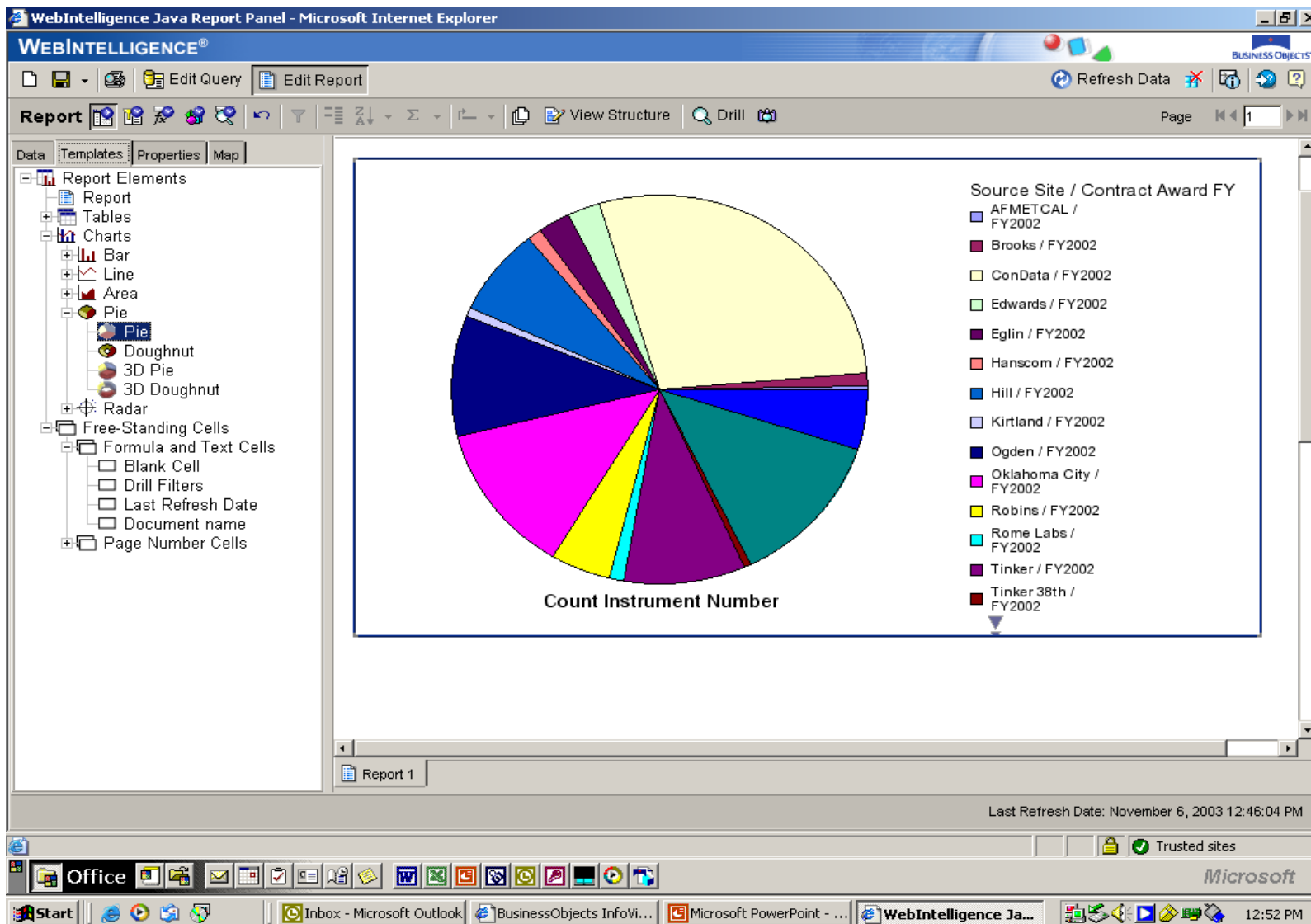
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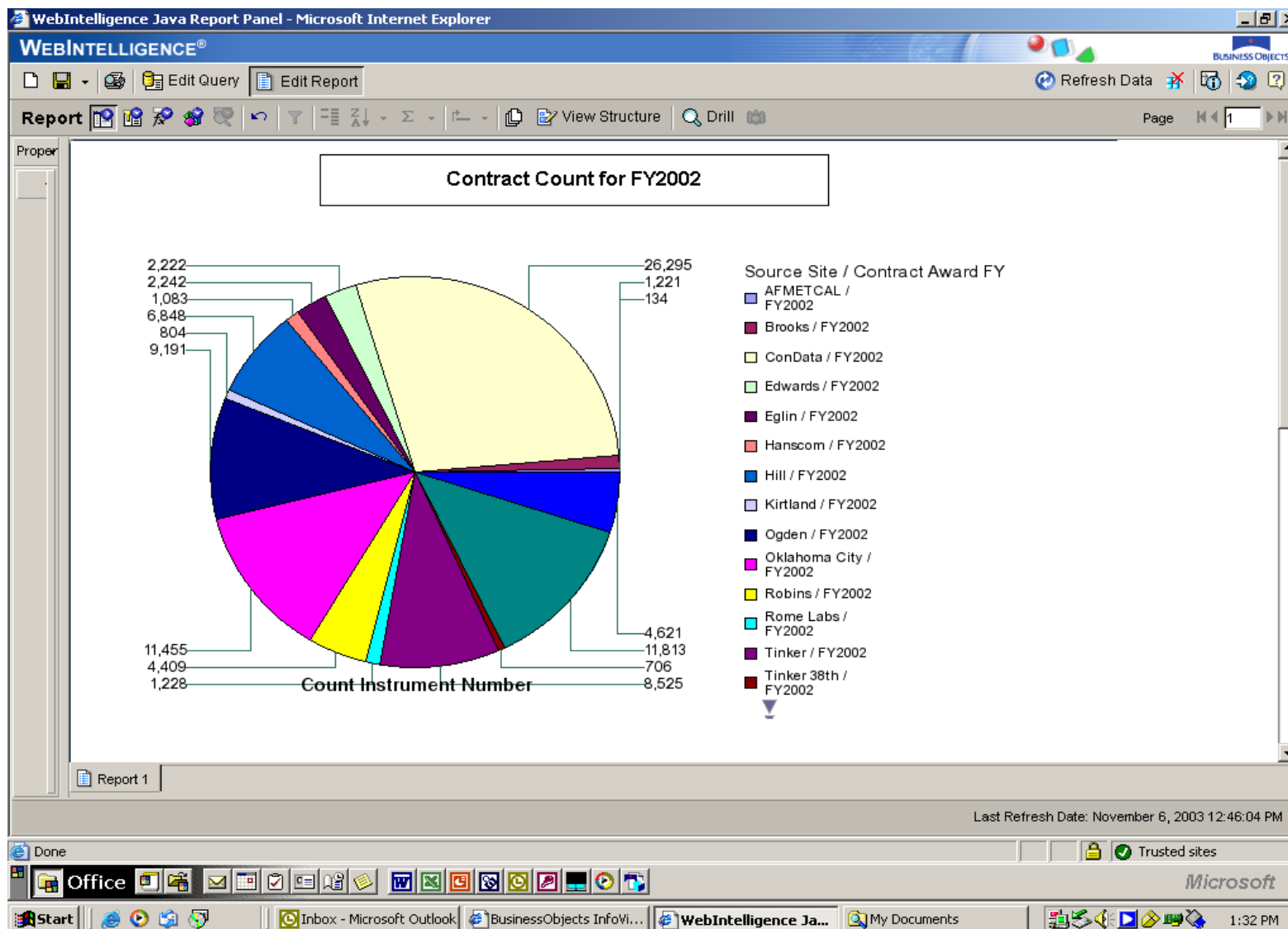


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Source Site	Source Site Code	Organization Name	Contract Amount
ConData	CONDATA	LOCKHEED MARTIN CORPORATION	\$1,746,770,807
ConData	CONDATA	MCDONNELL DOUGLAS CORP	\$705,267,457
Robins	PDF 09650	S&K TECHNOLOGIES, INC.	\$476,500,000
ConData	CONDATA	LOCKHEED MARTIN CORPORATION	\$453,999,000
ConData	CONDATA	LOCKHEED MARTIN CORP	\$360,400,000
ConData	CONDATA	LOCKHEED MARTIN	\$188,766,194
ConData	CONDATA	TRW, INC.	\$171,904,350
Hanscom	PDF 19650	DEL-JEN, INC	\$157,085,742
Hanscom	PDF 19650	DEL-JEN, INC	\$157,066,566
Hanscom	PDF 19650	DEL-JEN, INC	\$157,045,742
Hanscom	PDF 19650	DEL-JEN, INC	\$157,036,104
Hanscom	PDF 19650	DEL-JEN, INC	\$156,912,937
ConData	CONDATA	UNITED TECHNOLOGIES CORP	\$140,098,476

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ConData	CONDATA	BOEING CO THE	\$131,595,499
ConData	CONDATA	RAYTHEON COMPANY	\$121,944,161
ConData	CONDATA	MCDONNELL DOUGLAS CORPORATIO	\$117,272,028
ConData	CONDATA	TEXTRON SYSTEMS CORP	\$116,855,700
ConData	CONDATA	LOCKHEED MARTIN CORP	\$88,786,689
ConData	CONDATA	NORTHROP GRUMMAN CORP	\$83,181,527
ConData	CONDATA	MCDONNELL DOUGLAS TRAINING SYS	\$80,349,225
ConData	CONDATA	ITT INDUSTRIES INC. ITT GILFIL	\$74,441,500
Hill	PDF42650	THE BIONETICS CORPORATION	\$73,754,000
Wright-Patt	PDF33601	TECOM INC	\$62,121,406
Hill	PDF42650	CHUNG & ASSOCIATES, INC	\$60,000,000
Hill	PDF42650	MIC/CCS JOINT VENTURE	\$60,000,000
ConData	CONDATA	GENERAL ELECTRIC	\$59,311,403
Oklahoma City	18H	GULFSTREAM AEROSPACE CORP	\$59,197,934
ConData	CONDATA	NORTHROP GRUMMAN SYSTEMS COF	\$58,325,000
ConData	CONDATA	MCDONNELL DOUGLAS CORPORATIO	\$57,454,678

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FY
03



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Operational Use



**Requests Submitted by Maj Nate Rump,
Operational Contracting Chief, Rome Lab**

- **GSA purchases > \$25K that went to Small Businesses**
- **>\$100K purchases competitive vs non competitive**
- **Local purchases by city, county and state**
- **Acq. Lead Time (Days between PR load and award)**
- **Open PR by Buyer**
- **Open PR by PR load date**
- **Open PR by dollar value**
- ***Total Awards for month/FY/ CY**
- ***Total Dollars for month/FY/CY**
- **Total Dollars by buyer for month/FY/CY**
- **Total Actions for month/FY/CY (awards, mods, etc.)**
- **Total Actions by buyer for month/FY/CY**
- ***Small Business Info (Small Business, 8A, HUBZONE, VET, etc)**
- ***Top 10 Vendors**
- **Does CBIS pull any GPC data?**



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Operational Answers



BusinessObjects - RomeLabsOperationalFYFMActionsAndDollarsFinal.rep - [hollenh@edw.day.disa.mil]

File Edit View Insert Format Tools Data Analysis Window Help

Rome Lab Total Dollar & Count of Actions by FM FY 2003

Issuing Office	Contract Award	Contract Award	Sum Instrument	Count Instrumer
FA8751	FY2003	Oct	\$6,759,243.42	35
FA8751	FY2003	Nov	\$4,531,154.86	92
FA8751	FY2003	Dec	\$1,659,728.56	67
FA8751	FY2003	Jan	\$1,662,516.36	73
FA8751	FY2003	Feb	\$1,880,010.46	73
FA8751	FY2003	Mar	\$2,476,823.91	120
FA8751	FY2003	Apr	\$4,058,842.29	118
FA8751	FY2003	May	\$4,142,181.63	143
FA8751	FY2003	Jun	\$1,261,397.88	96
FA8751	FY2003	Jul	\$2,955,995.89	119
FA8751	FY2003	Aug	\$4,998,224.23	145
FA8751	FY2003	Sep	\$6,820,448.43	325
		Sum:	\$43,206,567.92	1,406

Summary of Results Rome Lab Dollars by FM 2003 Pie Chart Rome Lab Dollars by FM 2003 Bar Chart Rome Lab Count of Actions by FM 2003 Bar Chart Rome Lab Count of /

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BusinessObjects - RomeLabsSmallBusinessInfoWomenOwned.rep - [hollenh@edw.day.disa.mil]

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HubZone DD350 FY2003

Contract Number + Mod Ord	HUB Zone Represented	Obligated or Deobligated	Type of Entity Code
F3060200D5003501315	Y	\$107,934.00	A
F3060200D5003501316	Y	(\$54,539.00)	A
F3060200D5003501702	Y	\$763,628.00	A
F3060200D5003501703	Y	\$32,810.00	A
F3060200D50035018	Y	\$78,261.00	A
F3060200D50035019	Y	\$416,657.00	A
F3060200D5003501901	Y	\$74,500.00	A
F3060200D5003501902	Y	\$233,722.00	A
F3060200D5003501904	Y	(\$32,910.00)	A
F3060200D50035021	Y	\$56,314.00	A
F3060200D5003502101	Y	\$40,000.00	A
F3060200D5003502102	Y	\$54,228.00	A
F3060200D50035023	Y	\$232,928.00	A
F3060202C5002P00001	Y	\$11,822.00	B
F3060202MR008P00004	Y	\$40,695.00	A
F3060203D50000001	Y	\$34,378.00	A
F3060203D50000002	Y	\$42,374.00	A
F3060203D50000003	Y	\$54,000.00	A
F3060203D50025000	Y	\$82,758.00	A
F3060203D50025001	Y	\$269,748.00	A
F3060203D50025002	Y	\$255,852.00	A
F3060203D50025003	Y	\$100,619.00	A
F3060203D50025004	Y	\$129,045.00	A
Sum:		\$3,024,824.00	

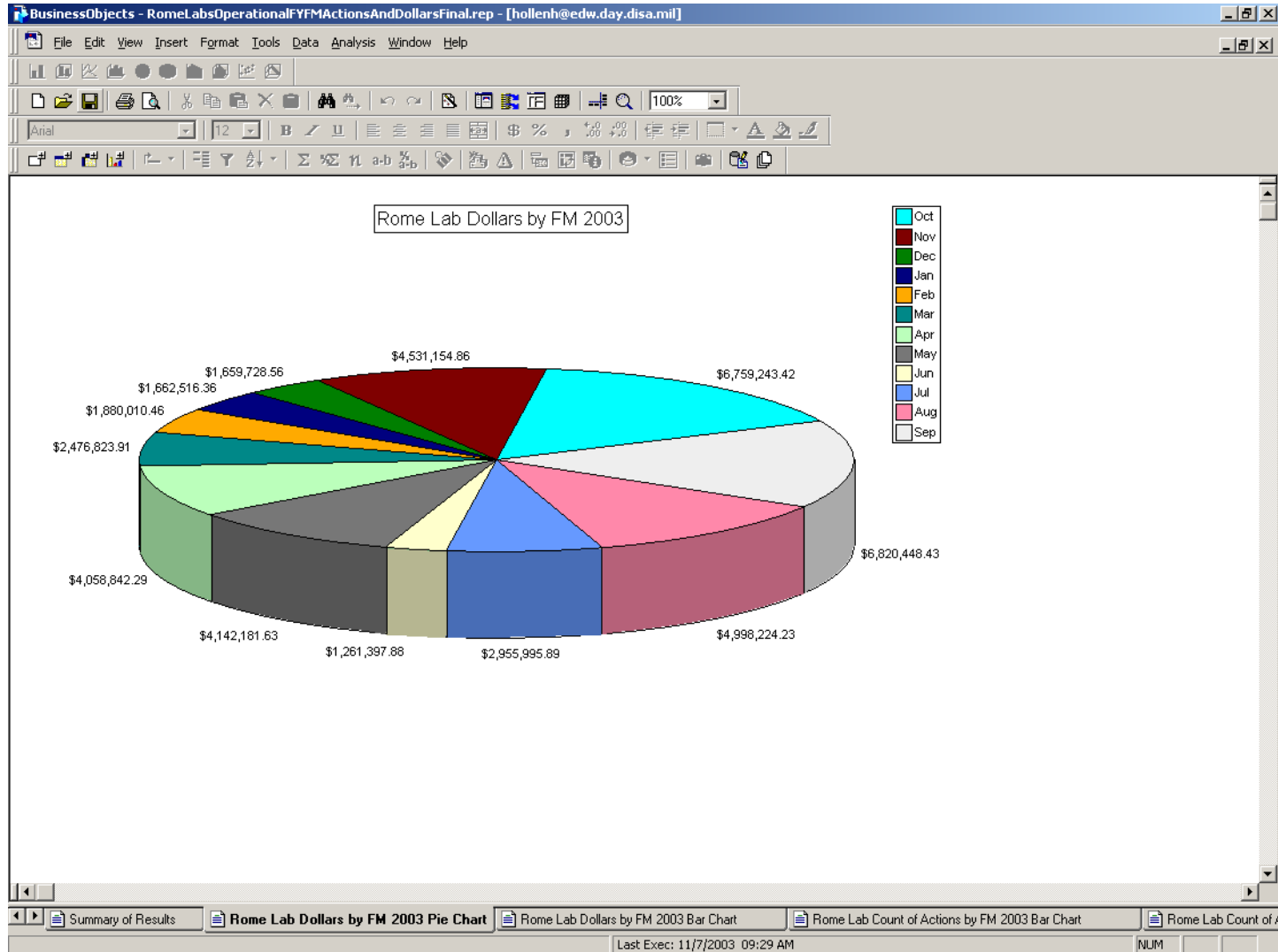
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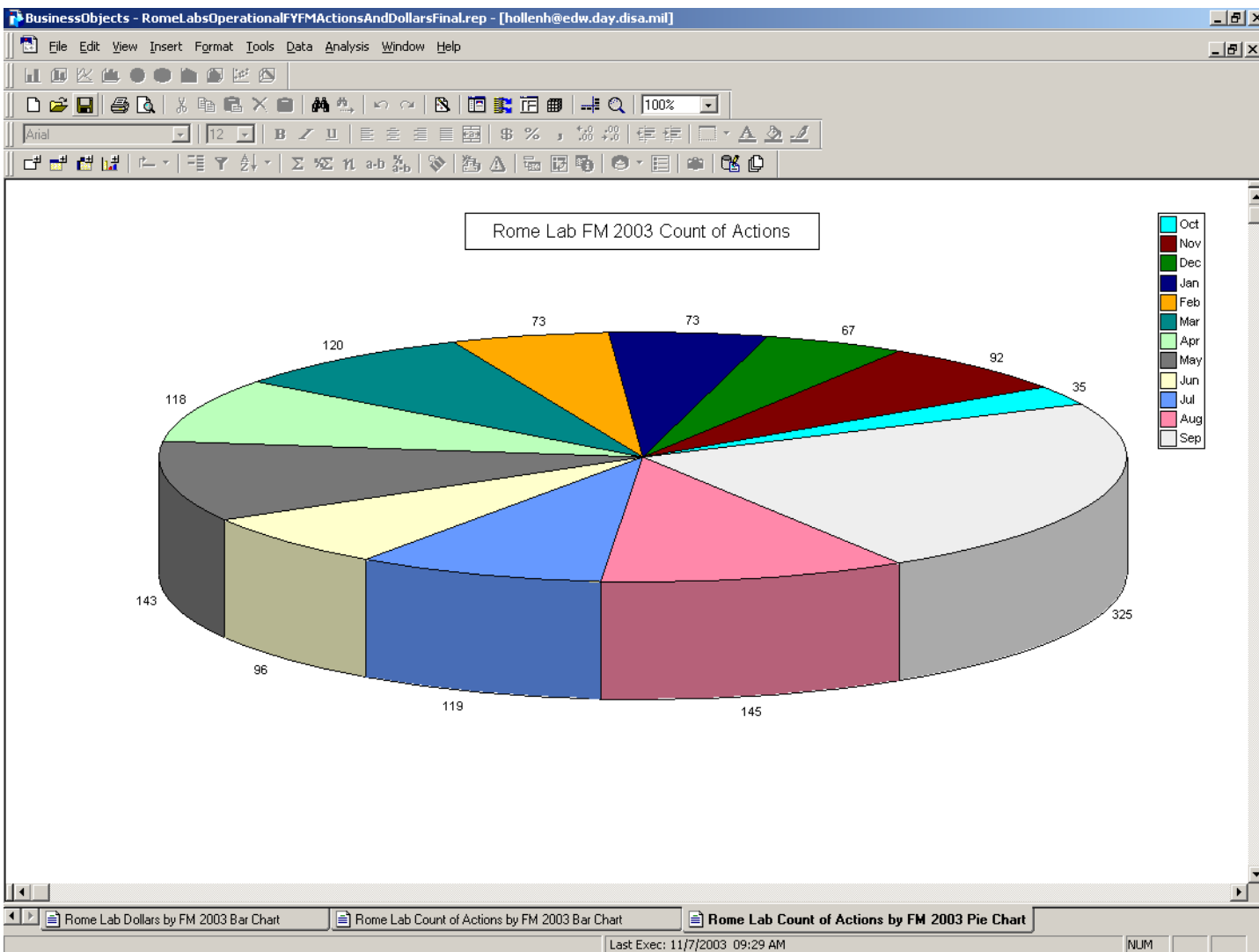




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Training - Top Vendors By Source Site 72 / 82

Source Site	Source Site Code	Organization Name	Sum Contract Amount
Rome Labs	PDF30602	GRIFFISS UTILITY SERVICES C	\$36,664,118.16
	PDF30602	AUTOMATED RESOURCE MAN	\$19,734,139.39
	PDF30602	OCUTO BLACKTOP AND PAVIN	\$18,386,959.61
	PDF30602	PRC INC	\$17,141,902.31
	PDF30602	PULVER ROOFING CO. INC.	\$14,276,511.72
	PDF30602	G M CRISALLI ASSOCIATES IN	\$14,142,645.00
	PDF30602	NORTHROP GRUMMAN INFOR	\$6,354,691.79
	PDF30602	RAND & JONES ENTERPRISES	\$5,788,019.89
	PDF30602	AC TECHNOLOGY, INCORPOR	\$4,952,628.08
	PDF30602	DELL MARKETING L.P.	\$4,416,210.48
	PDF30602	LU ENGINEERS	\$4,110,298.47
	PDF30602	BEARDSLEY, BEARDSLEY, CO	\$4,088,165.76
	PDF30602	STERLING SOFTWARE (U.S.),	\$4,024,654.16
	PDF30602	STEARNS & WHELER LLC	\$3,946,253.98

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Summary



**CBIS Improves Warfighter Support
Leveraged Buying Power
Reduced Cycle Time
Decreased Procurement Costs
Proactive Supplier Management**

CBIS Facilitates Enterprise Wide Data



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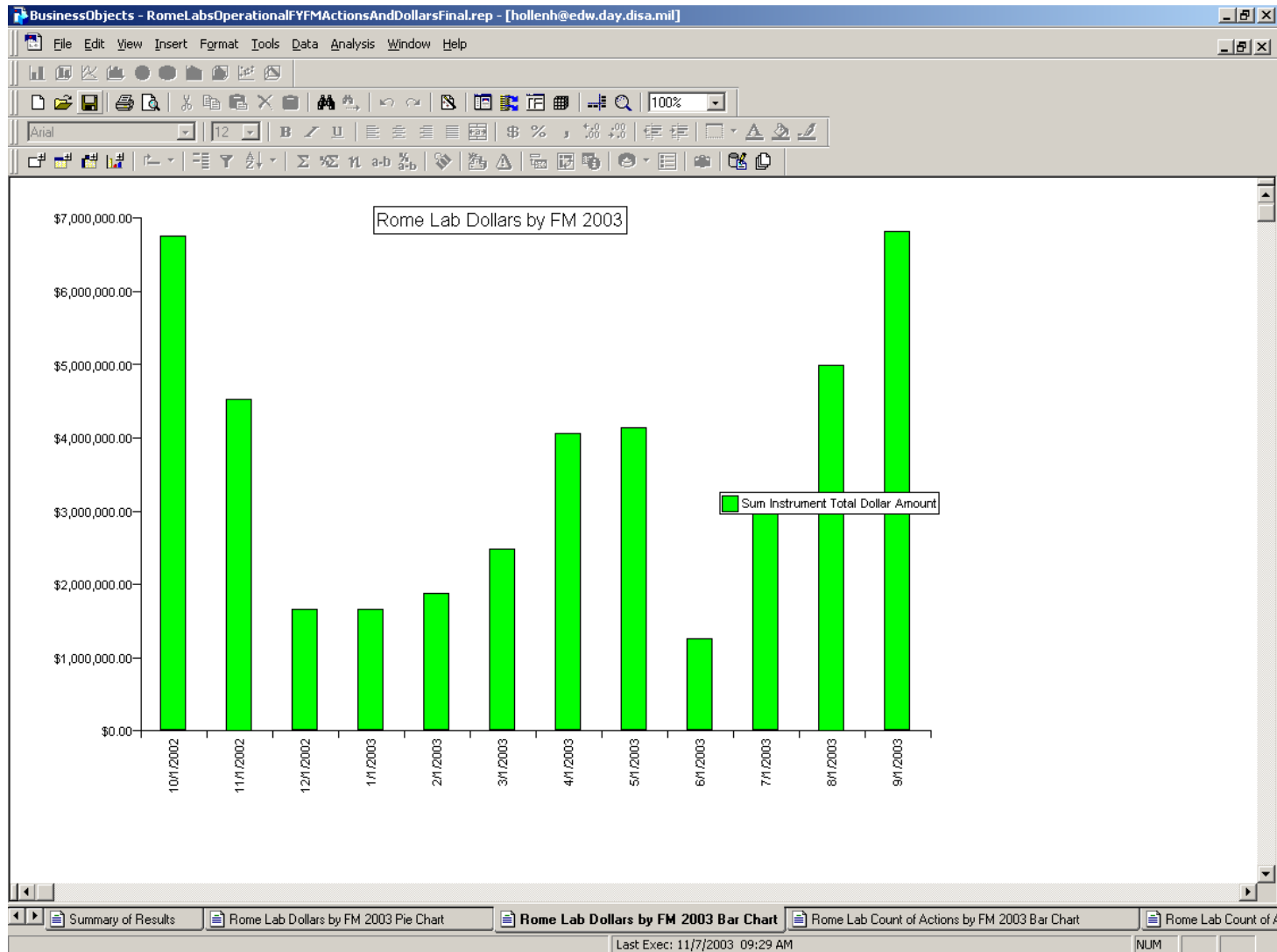
Backup



Operational Answers



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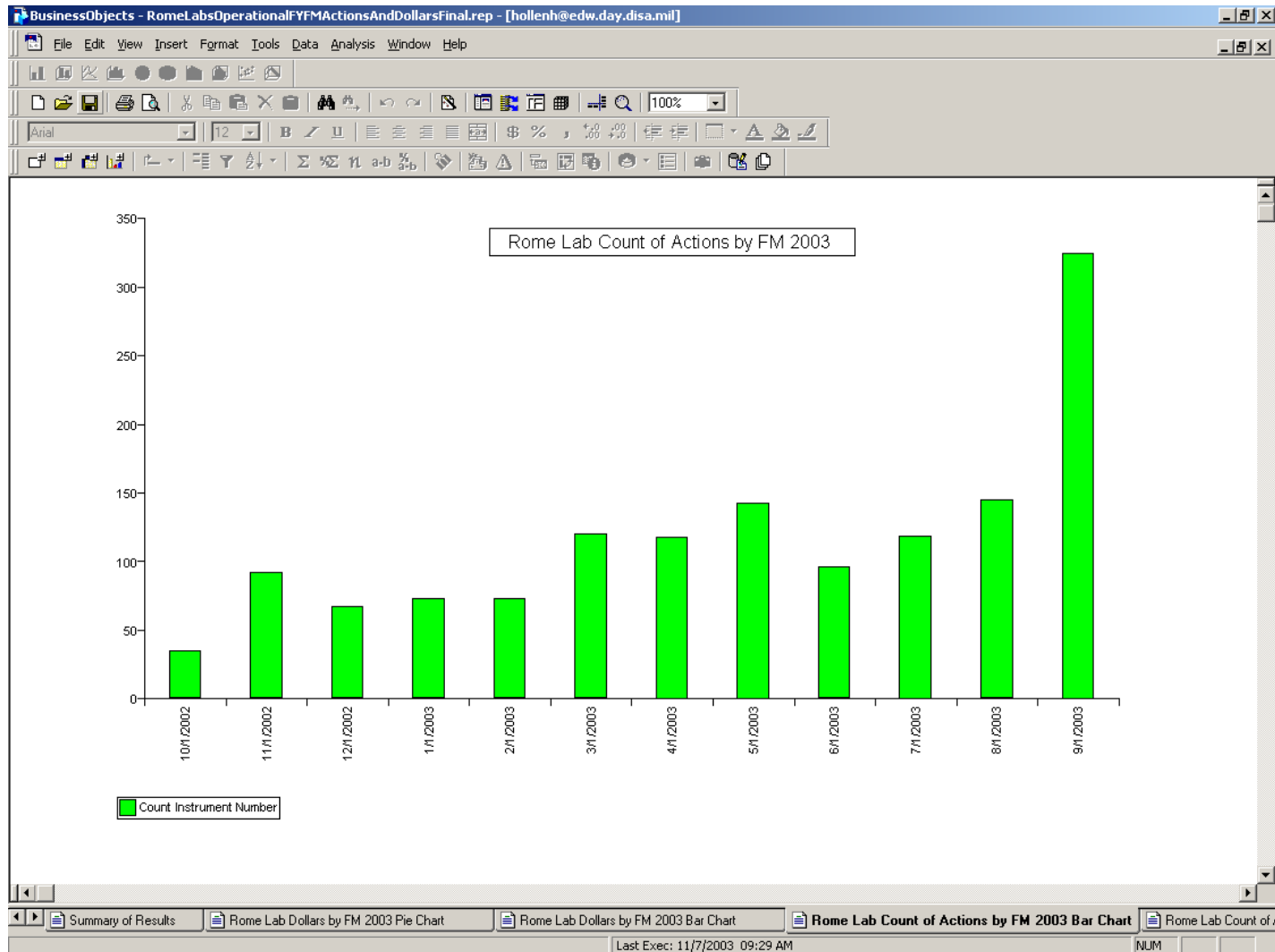




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Issues



- **Business Objects**
 - **V6.1 deployed 8 Oct to address security issue**
 - **V6.1a deployed 5 Nov with emergency bug fix**
 - **V6.5 estimated deployment Mar 04**
- **Help Desk**
 - **AFKS developing new help desk process/guidelines**
 - **CBIS calls will be managed by MSG/PIF (AFCIS WP)**
 - **Tracking process will improve**



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FRB Process



- **Input from field, Services, & HQ**
- **Analyze and review**
 - Determine feasibility and complexity w/ MSG
 - Look for synergies, develop schedules
- **AFMC/PKS notional “ranking”**
- **AFMC/PK “approves” notional ranking**
- **FRB rank orders requirements**
 - Membership: All AFMC PK Directors
- **AFMC/PKS and MSG/PIF (AFCIS WP) jointly work further requirements development and implements within fiscal constraints**



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Notional Ranking



- 1. Navy - PD2 Data Proof of Concept**
- 2. RAI-NC - Army, Navy, AF BI spend capability**
- 3. BTIC - eGPC data, 100 users AF wide (MAJCOMs)**
- 4. LLoA**
- 5. Repair**
- 6. Expenditure Data - Finance & Accounting**
- 7. Closeout - ULO data and "Award Clauses"**
- 8. EZ Query Functionality**
- 9. PK Metrix Functionality**
- 10. Buy Plan - Workload/Manpower requirements**